

**ABSTRACT**

An electro-luminescence display device, including gate lines, data lines crossing the gate lines, pixel cells at crossings of the gate lines and the data lines, a gate driver that sequentially applies a gate signal to the gate lines during one horizontal period, and a plurality of data driving circuits that apply voltage signals to the pixel cells along a gate line during a first time of the horizontal period and applying current signals to the pixel cells during a second time after the first time of the horizontal period.